

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Applicants : Rocco Pellegrinelli, Luca Spampinato and Sandro Bottarelli
Serial No. :
Filing Date : January 26, 2001
Title : IMPROVEMENTS RELATING TO DATA DISTRIBUTION
Docket No. : 595-021PA
Examiner :
Art Unit :

Commissioner for Patents
Washington, D.C. 20231

Sir:

PRELIMINARY AMENDMENT

Prior to the examination of the identified application, please preliminarily amend the application, which claims priority to European Patent Application No. 00300741.6 filed January 31, 2000, as follows.

IN THE CLAIMS

Please cancel claims 1-24 and substitute claims 25-56 in their place.

25. A method of distributing performance data concerning a plurality of subjects from a distribution site to a user site, the method comprising:

storing gathered performance data concerning each of the subjects in a central database, wherein the storing step comprises storing the gathered data to form a contiguous sequential block of historical data for each subject; and

on request from the user, providing a stream of historical data from the blocks in the central database such that a ticker tape of a plurality of graphical historical data charts can be displayed at the user's site, automatically and without user interaction.

26. A method according to Claim 25, wherein the stream of historical data is provided as a stream of graphical data.

27. A method according to Claim 25, wherein a rate of generation of the graphical historical data charts corresponds to the speed of movement of the ticker tape displayed at the user's site.

28. A method according to Claim 25, wherein the storing step comprises storing the gathered performance data in the historical data blocks such that each block is partitioned according to predetermined different time periods.

29. A method according to Claim 28, wherein the historical data blocks are each partitioned in daily, weekly, monthly and yearly time periods.

30. A method according to Claim 25, further comprising gathering performance data at a central site and subsequently updating the distribution site with the gathered data.

31. A method according to Claim 30, wherein the gathering step comprises downloading performance data from a plurality of electronic data vendors where two or more data vendors have different data distribution protocols, and for each data vendor having a different data distribution protocol, the method further comprises implementing an appropriate communications protocol for downloading performance data from each data vendor.

32. A method according to Claim 30, wherein the gathering step comprises consolidating, integrating and reformatting gathered performance data from the plurality of data vendors.

33. A method according to Claim 25, wherein the providing step is initiated by a data request from the user.

34. A method according to Claim 33, wherein the request includes identity information identifying the user, and the method further comprises accessing a user configuration file describing a required data configuration for the identified user, or for a newly identified user, creating a new user configuration file set to a default configuration.

35. A method according to Claim 34, wherein the communications network is the Internet and the identity information comprises a cookie file initially sent to the user.

36. A method according to Claim 34, further comprises storing the user configuration files and identity information in a relational customer database and accessing the same using Structured Query Language.

37. A method according to Claim 25, wherein the providing step further comprises sending a user configuration file to its user together with a data handling function arranged to present to the user the historical data in accordance with the user configuration file.

38. A method according to Claim 37, wherein the communications network is the Internet and the data handling function comprises an applet.

39. A method according to Claim 37, wherein the data handling function configures a user's screen according to the information in the configuration data file and requests specific historical data from the central database for immediate display.

40. A method according to Claim 39, wherein the providing step comprises only supplying specifically requested historical data.

41. A method according to Claim 37, further comprising using the data handling function to arrange the historical data into charts and to display simultaneously a plurality of charts arranged as an endless stream of moving graphical images forming a ticker tape on a user's screen.

42. A method according to Claim 39, further comprising using the data handling function to arrange the historical data into charts and to display simultaneously a plurality of charts arranged as an endless stream of moving graphical images forming a ticker tape on a user's screen.

43. A method according to Claim 41, wherein the step of using the handling function comprises configuring the user's screen to control the amount and type of historical data to be displayed.

44. A method according to Claim 25, wherein the storing step is carried out on a daily basis.

45. A method according to Claim 34, wherein the providing step further comprises sending a user configuration file to its user together with a data handling

function arranged to present to the user the historical data in accordance with the user configuration file.

46. A method according to Claim 45, wherein the communications network is the Internet and the data handling function comprises an applet.

47. A method according to Claim 45, wherein the data handling function configures a user's screen according to the information in the configuration data file and requests specific historical data from the central database for immediate display.

48. A method according to Claim 47, wherein the providing step comprises only supplying specifically requested historical data.

49. A method according to Claim 45, further comprising using the data handling function to arrange the historical data into charts and to display simultaneously a plurality of charts arranged as an endless stream of moving graphical images forming a ticker tape on a user's screen.

50. A method according to Claim 47, further comprising using the data handling function to arrange the historical data into charts and to display simultaneously a plurality of charts arranged as an endless stream of moving graphical images forming a ticker tape on a user's screen.

51. A method according to Claim 49, wherein the step of using the handling function comprises configuring the user's screen to control the amount and type of historical data to be displayed.

52. A system for distributing performance data concerning a plurality of subjects from a distribution site to a user site, the system comprising:
a central database of performance data relating to each of the plurality of subjects,
storing means for storing gathered performance data concerning each of the subjects in the central database, the storing means being arranged to store the data to form a contiguous sequential block of historical data for each subject; and
read out means arranged to provide, on request from the user, a stream of historical data from the blocks in the central database such that a ticker tape of a plurality of graphical historical data charts can be displayed at the user's site, automatically and without user interaction.

53. A configurable ticker tape interface for providing performance data regarding a plurality of subjects stored in a remote database, the ticker tape interface being arranged to be configurable by the user to specify a subset of the plurality of subjects, to obtain current performance data and historical data from the remote database regarding the selected subset of subjects, and to generate user-controlled movable icons of the ticker tape interface, each icon representing the current performance data and historical data for selected subject in a graphical format.

54. A graphical user interface comprising:
processing means for obtaining updated information from a distribution database regarding a plurality of subjects and processing the obtained information to display a moving set of graphical images, each image representing current performance data and historical data for a given subject; and
selecting means for creating a user selection, the selecting means being arranged to configure the processing means to obtain information for a selection of the plurality of subjects stored in the distribution database.

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55. A graphical user interface according to Claim 54, further comprising selection means, operable by the user, for selecting a time period of historical data, smaller than that stored in the distribution database for a given subject, which is to be displayed in the set of graphical images.

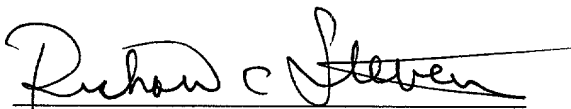
56. A graphical user interface according to Claim 54, further comprising control means, operable by the user, for altering the movement of the set of graphical images.

REMARKS

This preliminary amendment is being made to place the claims in better form for examination and to eliminate multiple claim dependency.

If this preliminary amendment raises any questions or if an interview would facilitate prosecution of the present application, the Examiner is respectfully requested to contact the undersigned attorney.

Respectfully submitted,
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